		BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		
LLL	HH				
LLL	III	BBB BBB BBB	RRR RRR	111	iii
illillillillill	1111111111	BBBBBBBBBBB	RRR RRR	TTT	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL		88888888888 88888888888	RRR RRR	III	

LI

\$		RRRRRRRR RR	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	000000 00 00 00 00	MM MM MMM MMM MMMM MMMM MM MM MM MM MM M	QQQQQQ QQ QQ QQ QQ
		\$				

1-0

STR

Page

; R

STRSCOMPARE\_EQL

L 1 16-Sep-1984 01:32:27 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:40:01 [LIBRTL.SRC]STRCOMEQL.B32:1

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; 58

0058 1 !<BLF/PAGE>

STR 1-0

SRELLEC

```
M 1
16-Sep-1984 01:32:27
14-Sep-1984 12:40:01
STRSCOMPARE_EQL
1-005
                                                                                                                                      VAX-11 Bliss-32 V4.0-742
[LIBRTL.SRC]STRCOMEQL.B32;1
    6123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789
                                       SWITCHES:
                                    SWITCHES ADDRESSING_MODE
                                                             (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
                                    SWITCHES ZIP :
                                       LINKAGES
                                    REQUIRE 'RTLIN:STRLNK';
                                                                                   ! Linkage to LIB$ANALYZE_DESC_R3
                                     ! TABLE OF CONTENTS:
                                    FORWARD ROUTINE
STRSCOMPARE_EQL;
                                                                         ! compare 2 strings, same length and contents
                                       INCLUDE FILES:
                                    REQUIRE 'RTLIN:RTLPSECT';
REQUIRE 'RTLIN:STRMACROS';
LIBRARY 'RTLSTARLE';
                                                                                     ! Declare PSECTS code
! use string macros to write code
! STARLET library for macros and symbols
                                       MACROS: NONE
                                       EQUATED SYMBOLS: NONE
                                       PSECT DECLARATIONS
                                    DECLARE_PSECTS (STR);
                                       OWN STORAGE: NONE
                                       EXTERNAL REFERENCES
                                                NONE
```

\*\*F

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STR

Page

```
B 2
16-Sep-1984 01:32:27
14-Sep-1984 12:40:01
STR$COMPARE_EQL
1-005
                                                                                                              VAX-11 Bliss-32 V4.0-742
[LIBRTL.SRC]STRCOMEQL.B32:1
                                                                                                                                                           Page
                                                                                                                                                                  (3)
   !-
                                        IF (.STRING1 [DSC$w_LENGTH ] EQLU .STRING2 [DSC$w_LENGTH ] )
                                        THEN
                                                 ! lengths equal
                                             BEGIN
                                               Use same length field to force generation of a CMPC3. This is ok since lengths are the same.
                                             IF (CHSEQL
                                                  THEN MATCH = 0
                                            ELSE MATCH = 1
                                                                        lengths match, contents don't
                                        ELSE MATCH = 1:
                                                                      ! lengths don't match
                    1376
                                        END
                                   ELSE
                                        BEGIN
                     381
                                        LOCAL
                                                              length of first string address of 1st data byte of first string
                                             S1_LENGTH,
                                             S1_ADDR
                                                              length of second string address of 1st data byte of second string
                                             SZ_LENGTH,
                                             S2 ADDR:
                    1386
1387
1388
1389
1390
1391
1393
1394
1395
1396
                                        Get the associated lengths and addresses of the strings
                                        $STR$GET_LEN_ADDR (STRING1, S1_LENGTH, S1_ADDR);
$STR$GET_LEN_ADDR (STRING2, S2_LENGTH, S2_ADDR);
                                        If lengths are equal and contents are same match = 0,
                                        else match = 1
                    1398
1399
1400
                                        IF (.S1_LENGTH EQLU .S2_LENGTH )
                                                                                          ! lengths = ?
                                        THEN
                                             BEGIN
                    1401
1402
1403
                                             IF (CHSEQL (.S1_LENGTH, .S1_ADDR, .S1_LENGTH, .S2_ADDR) )
                                                                                            contents = ?
                                                                                            use same length field
                                                                                            to force generation of CMPC3 compare. Its ok
                    1404
                                                                                            SI_LENGTH = SZ_LENGTH
                                             THEN MATCH = 0
                                                                        both length and contents match
                                             ELSE MATCH = 1
                    1408
                                                                      ! lengths match, contents don't
                    1409
                                             END
                    1410
                                        ELSE MATCH = 1;
                                                                      ! lengths don't match
                    1411
                                        END:
                                   RETURN . MATCH;
                                   END:
                                                                                          ! End of STR$COMPARE_EQL
```

ST 1-

00065

00067 7\$: 0006A 8\$: 0006D BRB

MOVL

MOVL

#1, MATCH MATCH, RO STI

1410

; Routine Size: 110 bytes, Routine Base: \_STR\$CODE + 0000

55 50 STR\$COMPARE\_EQL VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRC]STRCOMEQL.B32;1 : 226 1416 1 END 1417 0 ELUDOM !End of module PSECT SUMMARY Name Bytes Attributes \_STR\$CODE 110 NOVEC, NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC, ALIGN(2) Library Statistics ----- Symbols -----Pages Processing File Total Percent Loaded Mapped Time \$255\$DUA28:[SYSLIB]STARLET.L32:1 9776 581 00:00.8 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LIS\$:STRCOMEQL/OBJ=OBJ\$:STRCOMEQL MSRC\$:STRCOMEQL/UPDATE=(ENH\$:STRCOMEQL 110 code + 0 data bytes 00:05.6 00:17.5 : 15291 Size: Run Time: Elapsed Time: Lines/CPU Min: Lexemes/CPU-Min: 37834 Memory Used: 91 pages Compilation Complete

STI

0214 AH-BT13A-SE

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